

ENDOTRACHEAL CAMERA

ABSTRACT

A low cost camera and radio frequency transmitter are coupled to an endotracheal tube to obtain an image in real time of tissue at the distal end of the endotracheal tube. The image recorded by the camera is transmitted to a low cost radio frequency receiver nearby and conveyed to a video monitor to display the image. The use of a wireless transmission system avoids the presence of wires and cords that otherwise might become entangled and cause the endotracheal tube to be inadvertently repositioned or pulled out of the patient.